UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,012,199 B2
APPLICATION NO. : 09/454969
DATED   : March 14, 2006
INVENTOR(S)   : Ryoji Fukuda

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 2:

Line 17, "in incline" should read --an incline--; and
Line 64, "X=ax+by=C" should read --X=ax+by+c--.

COLUMN 4:

Line 51, "fist" should read --first--.

COLUMN 5:

Line 60, "roll" should read --role--.

COLUMN 8:

Line 50, "coordinates;" should read --coordinates--.

COLUMN 9:

Line 12, "in put" should read --input--;
Line 16, "coordinate," should read --coordinates,--; and
Line 62, "(A( )," should read --A( ),--.

COLUMN 10:

Line 5, "$y_s=y_{se}-s_{sw}$" should read --$y_s=y_{se}-y_{sw}$--;
Line 29, "is" should read --m is--.

COLUMN 11:

Line 38, "executes;" should read --executes--.

COLUMN 13:

Line 47, "is;" should read --is--.

COLUMN 15:

Line 17, "(A( )," should read --A( ),--.

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COLUMN 16:

Line 32, "are kept" should be deleted.

COLUMN 20:

Line 38, "coordinate" should read --coordinates--; and
Line 52, "an" should read --a--.

COLUMN 21:

Line 31, "parameter" should read --parameters--.

COLUMN 22:

Line 14, "coordinate" should read --coordinates--;
Line 31, "an" should read --a--; and
Line 37, "receiving" should read --received--.

COLUMN 23:

Line 13, "liquid" should read --a liquid--.

COLUMN 24:

Line 27, "computer readable" should read --computer-readable--.

Signed and Sealed this

Seventeenth Day of June, 2008

JON W. DUDAS
Director of the United States Patent and Trademark Office